


















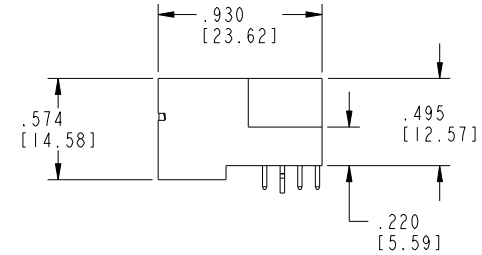
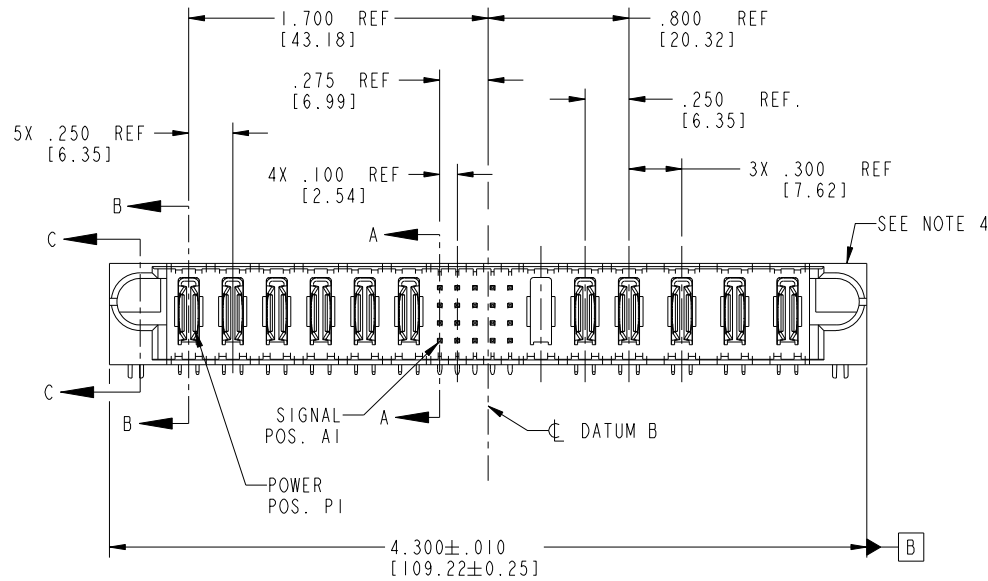


Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

PRODUCT NO.	ROWS		POWER						SIGNAL					POWER						
		E1	P1	P2	P3	P4	P5	P6	1	2	3	4	5	P7	P8	P9	P10	P11	P12	E2
51939-045-- NOTE 3	D C B A																			



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
E	.220 [5.59]	SIGNAL
H	.220 [5.59]	SIGNAL
R	.270 [6.86]	SIGNAL
S	.270 [6.86]	SIGNAL
T	.270 [6.86]	SIGNAL
U	.270 [6.86]	SIGNAL
PA	N/A [N/A]	POWER
HA	N/A [N/A]	HOLD-DOWN
X	OMITTED	OMITTED

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date			linear	.XX±.01/0.X±0.3	COPY		projection		title	6P + 20S + 6P
A	V03-0163	TAB	02/10/03				.XXX±.005/0.XX±0.13					RIGHT ANGLE SOLDER HEADER	
B	V03-0195	MEM	02/18/03				.XXX±.0020/0.XXX±0.051					product family	PwrBlade
C	DG05-0541	Ryan	12/13/05			angles	0°±2°					size	213
D	DG08-0273	WD	12/30/08			dr	T. BRUNGARD 02/10/03					dwg no	51939-045
						enrg	M. MOSTOLLER 02/10/03					scale	1 of 4
						chr	M. MOSTOLLER 02/10/03						
						appd	M. MOSTOLLER 02/10/03						
sheet index	revision	D	D	D	D							cage code	22526
	sheet	1	2	3	4								

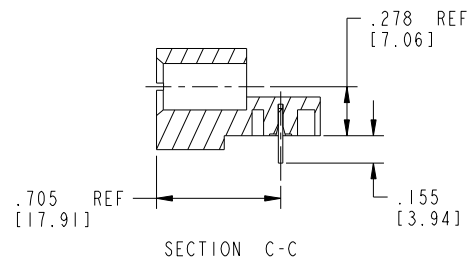
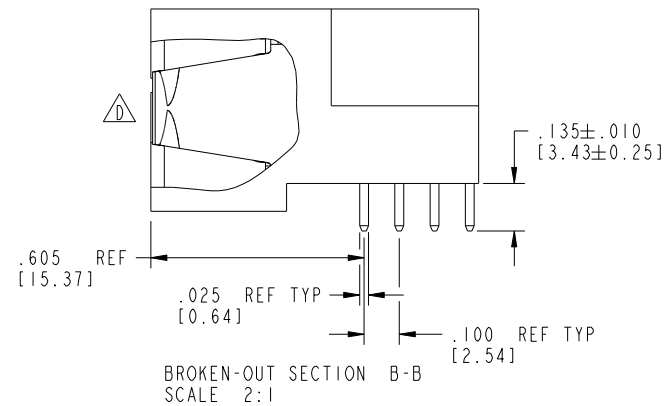
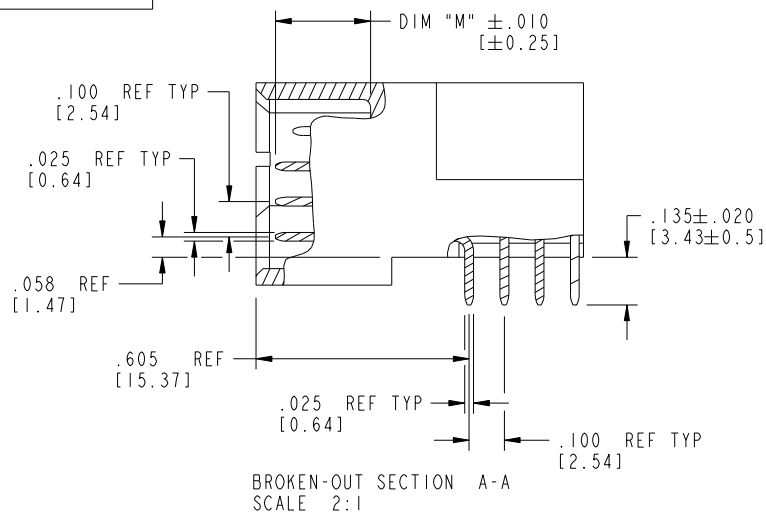
Pro/E





All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du proprietaire. Propriete de c FCI. Droits de reproduction FCI.

PRODUCT NUMBER
51939-045--
NOTE 3



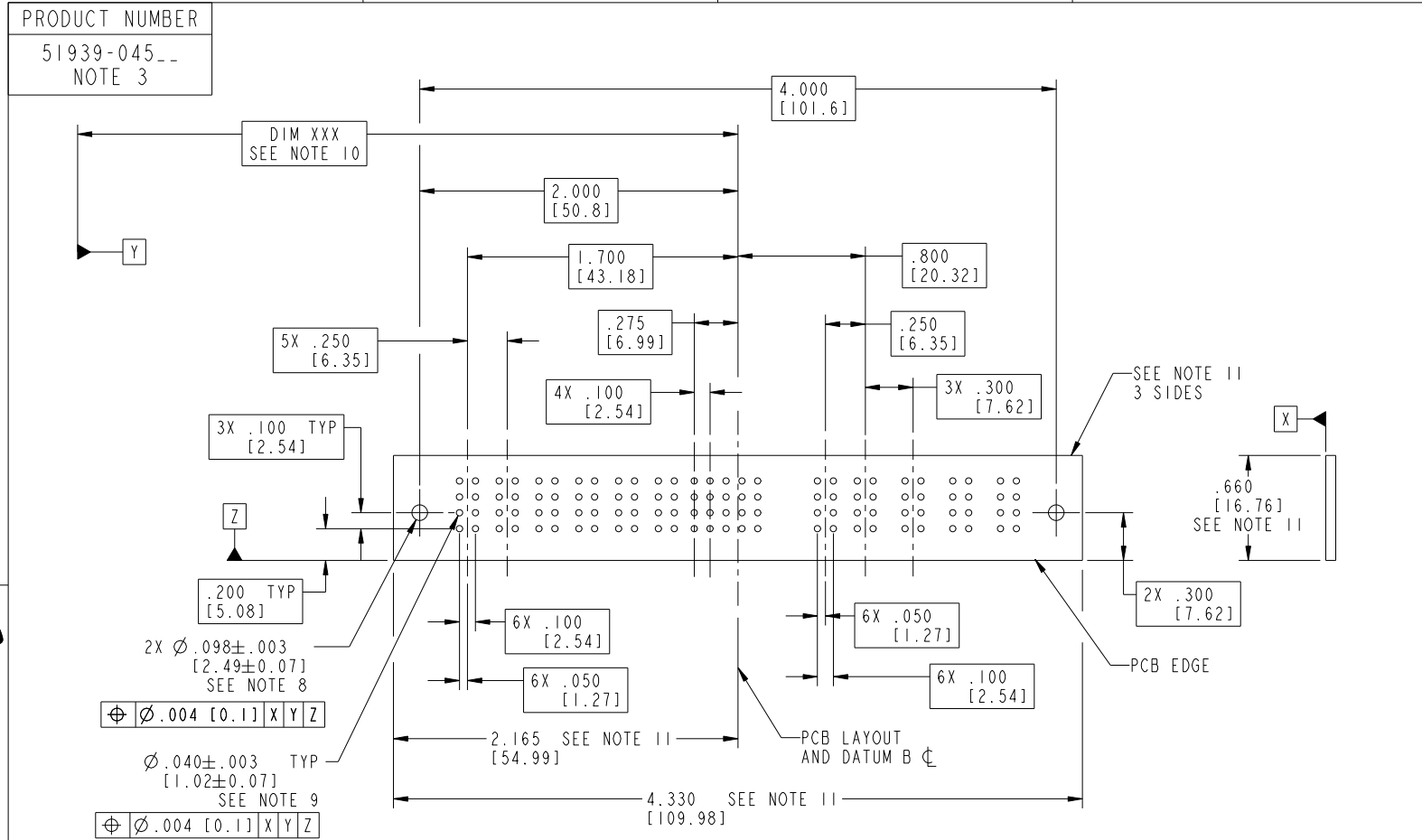
mat'l code				SEE NOTE 2				tolerances unless otherwise specified				CUSTOMER				 www.fciconnect.com					
ltr		ecn no.		dr		date		linear		COPY											
D										title											
										6P + 20S + 6P											
								angles		XXXX ± .005/0.XX ± 0.13				RIGHT ANGLE SOLDER HEADER							
										XXXX ± .0020/0.XXX ± 0.051											
										0° ± 2°											
								dr		T. BRUNGARD 02/10/03				product family		PwrBlade		code			
								engr		M. MOSTOLLER 02/10/03				INCH/MM		size		dwg no		213	
								chr		M. MOSTOLLER 02/10/03				scale		A		51939-045		sheet 2 of 4	
								appd		M. MOSTOLLER 02/10/03											
sheet index		revision sheet																			

Pro/E

Tous droits strictement réservés. Reproduction ou communication à des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire. Propriété de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.



RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER		FCI		www.fciconnect.com	
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3		projection	COPY		title 6P + 20S + 6P RIGHT ANGLE SOLDER HEADER		product family PwrBlade	
D					.XXX±.005/0.XX±0.13			INCH/MM					
					.XXX±.0020/0.XXX±0.051								
				angles	0°±2°		scale 1:1	size dwg no A 51939-045		code 213 sheet 3 of 4			
			dr	T. BRUNGARD 02/10/03									
			enrg	M. MOSTOLLER 02/10/03									
			chr	M. MOSTOLLER 02/10/03									
			appd	M. MOSTOLLER 02/10/03									
sheet index		revision sheet											

cage code 22526

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation écrite du propriétaire.
Propriete de c FCI. Droits de reproduction FCI.



All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor.
Property of FCI. Copyright FCI.

PRODUCT NUMBER
51939-045_- NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY
3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-045 AND 51939-045LF RESPECTIVELY.
4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.
5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.
6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.




8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9. $\varnothing .0453 \pm .0010$ [1.151 \pm 0.025] DRILLED HOLES PLATED WITH
.0003 [0.008] MIN SnPb OVER .001 [0.03]
TO .003 [0.08] Cu PLATING TO ACHIEVE
 $\varnothing .040 \pm .003$ [1.02 \pm .07] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l code				SEE NOTE 2		tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com			
ltr	ecn no.	dr	date	linear	.XX±.01/0.X±0.3				COPY						
D					.XXX±.005/0.XX±0.13				projection						
					.XXX±.0020/0.XXX±0.051										
				angles	0°±2°						title 6P + 20S + 6P RIGHT ANGLE SOLDER HEADER				
				dr	T. BRUNGARD 02/10/03				INCH/MM		product family PwrBlade				code
				enrg	M. MOSTOLLER 02/10/03				scale		size dwg no				213
				chr	M. MOSTOLLER 02/10/03				1:1		A 51939-045				sheet
				appd	M. MOSTOLLER 02/10/03										4 of 4
sheet index		revision sheet													

cage code 22526